

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 826.1034C2D2D2D	APPLICATION NO. Div. of Serial No 09/616,969 S-04509470
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Shoji HAYASHIDA	01/15/02
		FILING DATE January 15, 2002	GROUP ART UNIT 2874 310/0491

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/H	AA	4,630,201	12/86	WHITE			
	AB	4,727,243	02/88	SAVAR			
	AC	4,968,873	11/90	DETHLOFF ET AL.			
	AD	4,839,504	06/89	NAKANO			
	AE	4,859,837	08/89	HALPERN			
	AF	4,961,142	10/90	ELLIOTT			
	AG	4,295,039	10/86	STUCKERT			
	AH	4,614,861	09/86	PAVLOV			
	AI	4,752,676	06/88	LEONARD ET AL.			
	AJ	4,877,947	10/89	MORI			
	AK	4,870,259	09/89	BOGGAN ET AL.			
	AL	4,900,905	02/90	PUSIC			
	AM	4,926,325	05/90	BENTON ET AL.			
	AN	4,926,996	05/90	EGLISE ET AL.			
	AO	4,795,892	01/89	GILMORE ET AL.			
	AP	4,454,414	06/84	BENTON			
	AQ	4,305,059	12/81	BENTON			
	AR	4,501,958	02/85	GLIZIE ET AL.			

EXAMINER <i>/H</i>	DATE CONSIDERED <i>6/10/02</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 826.1034C2D2D2D	APPLICATION NO. Div. of Serial No. 09/616,969
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Shoji HAYASHIDA	
		FILING DATE January 15, 2002	GROUP ART UNIT 2876

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
119	AS	4,717,815	01/88	TOMER			
12	AT	4,303,904	12/81	CHAJEK			
13	AU	4,278,879	07/81	HOFMANN ET AL.			
14	AW	4,288,688	09/81	KIYAMA ET AL.			
15	AX	4,277,837	07/81	STUCKERT			
16	AY	4,707,072	11/87	KRAAKMAN			
17	AZ	4,692,600	09/87	TAKAHASHI			
18	BA	4,734,564	03/88	BOSTON ET AL.			
19	BB	4,707,592	11/87	WARE			
20	BC	4,700,055	10/87	KASHKASHIAN JR.			
21	BD	4,697,072	09/87	KAWANA			
22	BE	3,748,441	07/73	HALPERN			
23	BF	3,956,615	05/76	ANDERSON ET AL.			
24	BG	3,852,571	12/74	HALL ET AL.			
25	BH	3,501,622	03/70	WEIR ET AL.			
26	BI	3,609,300	09/71	HALPERN			
27	BJ	3,870,866	03/75	HALPERN			
1P	BK	3,958,103	05/76	OKA ET AL.			

EXAMINER <i>119</i>	DATE CONSIDERED <i>01/10/02</i>
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LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Shoji HAYASHIDA	
		FILING DATE January 15, 2002	GROUP ART UNIT 2076

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/	BL 5,051,564	09/91	SCHMIDT			
	BM 5,010,485	04/91	BIGARI			
	BN 5,012,076	04/91	YOSHIDA			
	BO 5,016,274	05/91	MICALI ET AL.			
	BP 5,023,436	06/91	TAKADA			
	BQ 5,093,787	03/92	SIMMONS			
	BR 5,147,021	09/92	MARUYAMA ET AL.			
	BS 5,453,601	09/95	ROSEN			
	BT 5,003,520	03/91	GRIEU ET AL.			
/	BU 5,122,643	06/92	GAMOU ET AL			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
/	BV WO 83/03018	09/1983	WIPO			
	BW WO 83/03694	10/1993	WIPO			
	BX 0363122	04/1990	EUROPE			
	BY EP 97118508	10/1998	EUROPEAN SEARCH REPORT			
	BZ 59-178754	11/1984	JAPAN			
	CA 63-80666	05/1988	JAPAN			
	CB 86-05613	09/1986	WIPO			
	CC 0 316 689	05/1989	EUROPE			
/	CD DE 3406615A1	8/30/84	GERMANY			

EXAMINER _____ DATE CONSIDERED _____

6/10/02

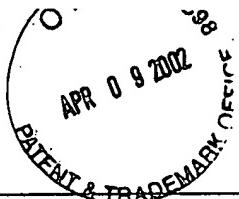
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 826.1034C2D2D2D	APPLICATION NO. Div. of Serial No. 09/616,969
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Shoji HAYASHIDA	
		FILING DATE January 15, 2002	GROUP ART UNIT 2876

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	CE	Carol H. Fancher, "SMART CARDS", <u>Scientific American</u> , August 1996, pp. 40-45
<i>[Signature]</i>	CF	Masuo Tamada et al., "IC CARD SYSTEM", 1987, pp. 30-33, Tokyo, Japan
<i>[Signature]</i>	CG	Lemont Southworth, "BASICS OF EFT NETWORK SWITCHING", 1983, pp. 175-186, New York.
<i>[Signature]</i>	CH	European Search Report for EP 96 20 3461 <i>No Date</i>

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>6/10/02</i>
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Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

APPLICATION NO.

826.1034C2D2D2D

10/045,094

FIRST NAMED INVENTOR

Shoji HAYASHIDA

FILING DATE

January 15, 2002

GROUP ART UNIT

2876

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
X	AA	3,984,660	10/05/76	OKA ET AL.			
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	

EXAMINER	DATE CONSIDERED
X	6/18/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF COPENDING APPLICATIONS	ATTORNEY DOCKET NO.	APPLICATION NO.
	826.1034C2D2D2D	Div. of Serial No. 09/616,969
	FIRST NAMED INVENTOR	
	Shoji HAYASHIDA	

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>JP</i>	1	09/852,842	05/11/01	HAYASHIDA	<u>Fujitsu Limited</u>
<i>JP</i>	2	09/616,969	07/14/00	HAYASHIDA	<u>Fujitsu Limited</u>
<i>JP</i>	3	09/365,032	08/02/99	HAYASHIDA	<u>Fujitsu Limited</u>
<i>JP</i>	4	07/959,458	10/09/92	HAYASHIDA	<u>Fujitsu Limited</u>
<i>JP</i>	5	07/578,234	09/06/90	HAYASHIDA	<u>Fujitsu Limited</u>

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		Document No.	DATE	NAME	FILING DATE
<i>JP</i>	1	5,644,118	07/1997	HAYASHIDA	<u>04/19/96</u>
<i>JP</i>	2	6,003,767	12/1999	HAYASHIDA	<u>06/03/96</u>
<i>JP</i>	3	5,949,043	09/1999	HAYASHIDA	<u>05/16/97</u>
<i>JP</i>	4	6,003,762	12/1999	HAYASHIDA	<u>07/26/94</u>

EXAMINER	DATE CONSIDERED
<i>JP</i>	<i>6/10/01</i>

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LIST OF ADDITIONAL SUBMITTED DOCUMENTS	ATTORNEY DOCKET NO.	APPLICATION NO.
	826.1034C2D2D2D	Div. of Serial No. 09/616,969
	FIRST NAMED INVENTOR	Shoji HAYASHIDA
	FILING DATE	GROUP ART UNIT January 15, 2002

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(d), a copy of any identified document is not provided.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AA	European Patent Office, Communication of Notices of Opposition, including Grounds of Opposition and English translation of the Grounds of Opposition , May 3, 2000.
AB	European Patent Office, Communication of Notices of Opposition, May 16, 2000.
AC	Written submission provided on September 22, 2000 to European Patent Office by Applicant of the above-identified application in the May 3, 2000 Opposition (AA and AB above) in the European Patent Office, dated September 22, 2000.

EXAMINER	DATE CONSIDERED
	6/18/02
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